U.S. DEPARTMENT OF THE INTERIOR

OFFICE OF WATER RESEARCH AND TECHNOLOGY
WATER RESOURCES SCIENTIFIC INFORMATION CENTER

SELECTED WATER RESOURCES ABSTRACTS

ANNUAL CUMULATED INDEXES TO VOLUME 13, 1980

PART 1 AUTHOR
ORGANIZATION
ACCESSION NUMBER

SELECTED WATER RESOURCES ABSTRACTS (SWRA) is produced by the Office of Water Research and Technology, U.S. Department of the Interior, and published twice monthly by the National Technical Information Service (NTIS), U.S. Department of Commerce.

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A Semimonthly Publication of the Water Resources Scientific Information Center,
Office of Water Research and Technology,
U.S. Department of the Interior

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The Secretary of the U.S. Department of the Interior has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through August 31, 1983.

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. administration.

PREFACE

Selected Water Resources Abstracts, a semimonthly journal, includes abstracts of current and earlier pertinent monographs, journal articles, reports, and other publication formats. These documents cover water resources as treated in the life, physical, and social sciences and the related engineering and legal aspects of the characteristics, supply condition, conservation, control, use, or management of water resources. Each abstract includes a full bibliographic citation and a set of descriptors which are listed in the **Water Resources Thesaurus.** The abstract entries are classified into 10 fields and 60 groups similar to the water resources research categories established by the Committee on Water Resources Research of the then Federal Council for Science and Technology.

Selected Water Resources Abstracts is designed to serve the scientific and technical information needs of scientists, engineers, and managers as one of several services of the Office of Water Research and Technology. The cumlative SWRA file from 1968 and monthly updates are available also in magnetic tape through lease from NTIS.

THE OFFICE OF WATER RESEARCH AND TECHNOLOGY DOES NOT PROVIDE COPIES OF DOCUMENTS ABSTRACTED IN THIS JOURNAL. Sufficient bibliographic information is given to enable readers to order the desired documents from local libraries or other sources.

Comments and suggestions concerning the contents and arrangement of this bulletin are welcome.

Office of Water Research and Technology
U.S. Department of the Interior
Washington, D.C. 20240

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- Ground and surface water hydrology at the Illinois State Water Survey.
- Metropolitan water resources planning and management at the Center for Urban and Regional Studies of University of North Carolina.
- Eastern United States water law at the College of Law of the University of Florida.
- Policy models of water resources systems at the Department of Water Resources Engineering of Cornell University.
- Water resources economics at the Water Resources Center of the University of Wisconsin.
- Eutrophication at the Water Resources Center of the University of Wisconsin.
- Water resources of arid lands at the Office of Arid Lands Studies of the University of Arizona.
- Water well construction technology at the National Water Well Association.
- Water-related aspects of nuclear radiation and safety at the Oak Ridge National Laboratory.
- Water resource aspects of the pulp and paper industry at the Institute of Paper Chemistry.

Supported by the Environmental Protection Agency in cooperation with WRSIC

- Effect on water quality of irrigation return flows at the Department of Agricultural Engineering of Colorado State University.
- Agricultural livestock waste at East Central State College, Oklahoma.
- Municipal wastewater treatment technology at the Franklin Institute Research Laboratories.

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ALEXANDRIA UNIV. (EGYPT). DEPT. OF SOIL AND WATER SCIENCE.
Secondary Salinization and Sodication in Egypt: A Case Study,
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AMERICAN BAR ASSOCIATION, WASHINGTON, DC.
Water Resources Committee (Annual Report): Survey of Wyoming Water Law 1975-78.
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Water Quality Committee (Annual Report).
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Water Resources Committee Report on Water Law Developments,
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AMERICAN BAR ASSOCIATION, WASHINGTON, DC. COMMITTEE ON ENVIRONMENTAL CONTROLS.
The Resource Conservation and Recovery Act of 1976 - The Newest Environmental 'Sleeper'.
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AMERICAN BAR ASSOCIATION, WASHINGTON, DC. NATURAL RESOUCES LAW SECTION.
Marine Resources Committee (Annual Report),
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AMERICAN BAR ASSOCIATION, WASHINGTON, DC. NATURAL RESOURCES LAW SECTION.
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Marine Resources Committee-Annual Review of Significant Legislative, Judicial and Administrative Activities During 1977.
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Water Quality Committee-Annual Review of Significant Legislature, Judicial and Administrative, Activities During 1977.
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Water Quality Committee (Annual Review of Activities - 1975).
W80-04484 1313 6E

AMERICAN BAR ASSOCIATION, WASHINGTON, DC. NATURAL RESOURCES SECTION.
American Bar Association Resolution Re Natural Resources of the Sea Adopted by the House of Delegates, August 6, 1973 and Report of the Section of Natural Resources Law Recommending Adoption of the Resolution.
W80-03695 1311 6E

Annual Review of Activities - 1975: Water Resources Committee, Arizona.
W80-04915 1315 6E

Marine Resources Committee (Annual Review of Activities - 1975).
W80-05086 1315 6E

AMERICAN BAR ASSOCIATION, WASHINGTON, DC. NATURAL RESOURCES SECTION. WATER QUALITY COMMITTEE.
Addition to the Annual Review of Significant Legislative, Administrative and Judicial Activities During 1976: Water Quality Committee.
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The Effect of Watertable Fluctuations on Water Quality: A Case History,
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ANDHRA UNIV., WALTAIR (INDIA). DEPT. OF GEOPHYSICS.
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ARIZONA STATE BUREAU OF GEOLOGY AND MINERAL TECHNOLOGY, TUCSON.
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Biological Impacts of Minor Shoreline Structures on the Coastal Environment: State of the Art Review, Volume II: Data Printout,
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BEAK CONSULTANTS LTD., VANCOUVER (BRITISH COLUMBIA).
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BEN-GURION UNIV. OF THE NEGEV, BEERSHEVA (ISRAEL). RESEARCH AND DEVELOPMENT AUTHORITY.
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BEN-GURION UNIV. OF THE NEGEV, SDE BOKER (ISRAEL). INST. FOR DESERT RESEARCH.
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BIGLOW LAB. FOR OCEAN SCIENCE, WEST BOOTHBAY HARBOR, ME.
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BILBAO UNIV., (SPAIN). DEPT. OF BIOCHEMISTRY.
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BIOLOGISCHE ANSTALT HELGOLAND (GERMANY, F.R.).
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CANADA ENVIRONMENTAL SERVICE, YELLOWKNIFE (NORTHWEST TERRITORIES).
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CANADIAN WILDLIFE SERVICE, DELTA (BRITISH COLUMBIA).
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CANADIAN WILDLIFE SERVICE, OTTAWA (ONTARIO). WILDLIFE TOXICOLOGY DIV.
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CANADIAN WILDLIFE SERVICE, SASKATOON(SASKATCHEWAN).
Wetland Classification in Western Canada: A Guide to Marshes and Shallow Open Water Wetlands in the Grasslands and Parklands of the Prairie Provinces,
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CANBERRA COLL. OF ADVANCED EDUCATION (AUSTRALIA). SCHOOL OF APPLIED SCIENCE.
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Judicial Review Under Federal Pollution Laws,
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Nutritional Effect of Eight Species of Marine Phytoplankton on Population Growth of the Rotifer, Brachionus Plicatilis,
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Total and Organic Mercury in Marine Fish of the Upper Gulf of Thailand,
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Finite Element Method for Direct Runoff Flow,
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CITY COLL., NEW YORK. DEPT. OF BIOLOGY.
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W80-00801 1303 6E

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Organochlorine, Fluorine, and Heavy-Metal Levels in Some Birds from New Zealand Estuaries,
W80-03691 1311 5B

DEPARTMENT OF CHEMISTRY (MALAYSIA).
Treatment Studies of Palm Oil Mill Waste Effluent,
W80-01656 1305 5D

DEPARTMENT OF COMMERCE, WASHINGTON, DC.
Report to the Congress on Ocean Pollution Over Fishing, and Offshore Development (October 1976 Through September 1977).
W80-00381 1301 6E

The Outer Continental Shelf Lands Act Amendments of 1978,
W80-04572 1314 6E

Coastal Energy Impact Program: Regulations to Establish the Outer Continental Shelf (OCS) State Participation Grant Program (Final Rules).
W80-05384 1316 6E

Fishermen's Contingency Fund (Final Regulations).
W80-05385 1316 6E

DEPARTMENT OF CONSTRUCTION, PHILLIP (AUSTRALIA).
An Investigation of Proposed Effluent Discharge into a Tropical Mangrove Estuary,
W80-01613 1305 5C

DEPARTMENT OF ENERGY, IDAHO FALLS, ID. IDAHO OPERATIONS OFFICE.
Geothermal Well Drilling Estimates Based on Past Well Costs,
W80-03427 1310 6B

DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA (ONTARIO). POLAR CONTINENTAL SHELF PROJECT.
Discontinuous Flow, Ice Texture, and Dirt Content in the Basal Layers of the Devon Island Ice Cap,
W80-04327 1313 2C

DEPARTMENT OF ENERGY, NEW YORK. ENVIRONMENTAL MEASUREMENT LAB.
Variability of the Concentrations of Seventeen Trace Elements in the Muscle and Liver of a Single Striped Bass, Morone Saxatilis,
W80-00846 1303 5A

DEPARTMENT OF ENERGY, NEW YORK. ENVIRONMENTAL MEASUREMENTS LAB.
Concentrations of Benzo(a)Pyrene in the Sediments of Six Western United States Lakes,
W80-02898 1308 5B

DEPARTMENT OF ENERGY, WASHINGTON, DC.
OTEC Environmental and Resource Assessment Program,
W80-02072 1306 5C

DEPARTMENT OF ENERGY, WASHINGTON, DC. OFFICE OF MILITARY APPLICATION.
Salt Flux and Mixing in the Columbia River Estuary,
W80-06294 1320 2L

DEPARTMENT OF EXTERNAL AFFAIRS, OTTAWA (ONTARIO). BUREAU OF ECONOMIC AND SCIENTIFIC AFFAIRS.
Canada's Interests as Regards Protection and Regulation of the Great Lakes,
W80-05395 1316 6E

DEPARTMENT OF FISHERIES AND ENVIRONMENT, BURLINGTON (ONTARIO).
Sources, Transportation and Utilization of Dissolved Organic Matter in Groundwater and Streams,
W80-00530 1302 2F

Organochlorine Contaminants and Trends in Reproduction in Great Lakes Herring Gulls, 1974-1978,
W80-02123 1306 5B

DEPARTMENT OF FISHERIES AND ENVIRONMENT, HALIFAX (NOVA SCOTIA).
Occurrence of PCB Residues in Burbot (Lota Lota) and Lake Trout (Salvelinus Namaycush) from the Churchill Falls Power Development Area,
W80-00856 1303 5A

DEPARTMENT OF FISHERIES AND ENVIRONMENT, OTTAWA (ONTARIO). WATER RESOURCES BRANCH.
Hydrology Research Division--Annual Progress Reports and Short Research Notes 1977-78.
W80-04753 1314 10C

DEPARTMENT OF FISHERIES AND ENVIRONMENT, VANCOUVER (BRITISH COLUMBIA). HABITAT PROTECTION DIV.
Avoidance of seawater Dilutions of Kraft Pulp Mill Effluent by Seawater Acclimated Pink Salmon Fry,
W80-02395 1306 5A

DEPARTMENT OF FISHERIES AND MARINE SERVICES, WINNIPEG (MANITOBA). FRESHWATER INST.
Indicators of Phosphorus and Nitrogen Deficiency in Five Algae in Culture,
W80-03258 1309 5A

DEPARTMENT OF FISHERIES AND OCEANS, WINNIPEG (MANITOBA). FRESHWATER INST.
Methane Addition to an Arctic Lake in Winter,
W80-04308 1313 5B

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Effects of Acidification on Mobilization of Heavy Metals and Radionuclides from the Sediments of a Freshwater Lake,
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Water Renewal Efficiency of Watershed and Lake Combinations in the ELA Region of the Precambrian Shield,
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Effects of a Windstorm and Forest Fire on Chemical Losses from Forested Watersheds and on the Quality of Receiving Streams,
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Hypolimnion Injection of Nutrient Effluents as a Method for Reducing Eutrophication,
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Maintenance of Iron Meromixis by Iron Redeposition in a Rapidly Flushed Monimolimnion,
W80-06612 1324 2H

DEPARTMENT OF HEALTH, PRETORIA (SOUTH AFRICA).
Microbiological Water Quality in Relation to Public Health,
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DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, WASHINGTON, DC.
The United States Experience in Flood Plain Management,
W80-00459 1302 6F

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT, OTTAWA (ONTARIO).
The Eastern Arctic Marine Environmental Study Program,
W80-05510 1317 5C

DEPARTMENT OF IRRIGATION, COLOMBO (SRI LANKA).
River, Estuary, Lake and Reservoir Quality Management,
W80-01624 1305 5A

DEPARTMENT OF JUSTICE, WASHINGTON, DC.
EPA's Wetland Related Programs,
W80-02276 1306 6E

DEPARTMENT OF LOCAL GOVERNMENT, BRISBANE (AUSTRALIA).
Mathematical Modeling of Dissolved Oxygen in Mixed Estuaries,
W80-01861 1305 5B

DEPARTMENT OF PLANNING AND THE ENVIRONMENTAL, PRETORIA (SOUTH AFRICA).
Local Municipalities Have Got a Challenging Task (Plaaslike Owerhede Het 'N Uitdagende Taak),
W80-06455 1324 5E

DEPARTMENT OF PUBLIC WORKS, BANGKOK (THAILAND). RURAL WATER SUPPLY DIV.
Water for Domestic Use in Rural Areas - Thailand,
W80-00448 1302 6D

DEPARTMENT OF SCIENCE, MELBOURNE (AUSTRALIA). ANTARCTIC DIV.
The Mass Budget of the Lambert Glacier Drainage Basin Antarctica,
W80-02477 1307 2C

A System for Accurate Temperature Control of Small Fluid Baths,
W80-02484 1307 2C

DEPARTMENT OF SCIENCE, MELBOURNE, VICTORIA (AUSTRALIA). ANTARCTIC DIV.
Empirical Studies of Ice Sliding,
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DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEACH, LOWER HUTT (NEW ZEALAND). SOIL BUREAU.
Factors Affecting Downslope Movement of Nutrients in Hill Pasture,
W80-04269 1313 5B

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, AUCKLAND (NEW ZEALAND). BOTANY DIV.
Seasonal Changes in Phytoplankton Densities in Four North Island Lakes, 1973-74,
W80-01125 1303 5C

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, TAUPO (NEW ZEALAND). ECOLOGY DIV.
Sediments of Lake Rotorua as Sources and Sinks for Plant Nutrients,
W80-01441 1304 5C

Mechanisms of Rapid Photosynthetic Adaptation in Natural Phytoplankton Communities. I. Redistribution of Excitation Energy Between Photosystems I and II,
W80-04452 1313 5C

A Simple Digital Rate-Meter for Current Meters (Note),
W80-04537 1314 7B

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, TAUPO (NEW ZEALAND). FRESHWATER SECTION.
Chlorophyll Production, in Response to Nutrient Additions, by the Algae in Lake Rotorua Water,
W80-01120 1303 5C

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, WELLINGTON (NEW ZEALAND).
The Compressibility and Hydraulic Diffusivity of a Water-Steam Flow,
W80-00090 1301 2G

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, WELLINGTON (NEW ZEALAND). OCEANOGRAPHIC INST.
Resonant Over-Tide Across and Along Tasman Bay, New Zealand,
W80-00962 1303 2L

DEPARTMENT OF STATE, WASHINGTON, DC.
U.S. Position on Negotiations Concerning the Great Lakes,
W80-05390 1316 6E

DEPARTMENT OF THE ENVIRONMENT AND OCEANS, WINNIPEG (MANITOBA). FRESHWATER INST.
Experimental Study of Trace Metal Chemistry in Soft-Water Lakes at Different pH Levels,
W80-05415 1317 2H

DEPARTMENT OF THE ENVIRONMENT, BURLINGTON (ONTARIO); AND NATIONAL WATER RESEARCH INST., BURLINGTON (ONTARIO).
Oxygen Depletion in Lake Erie: Has There Been Any Change,
W80-04225 1313 2H

DEPARTMENT OF THE ENVIRONMENT, CALGARY (ALBERTA).
Numerical Computation of Avalanche Motion,
W80-02845 1308 7B

DEPARTMENT OF THE ENVIRONMENT, LONDON (ENGLAND).
The Harmonization of the Monitoring of the Quality of Rivers in the United Kingdom,
W80-05499 1317 5A

DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO).
The Canada Water Act Annual Report, 1978-1979.
W80-03583 1310 6E

DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO). INLAND WATERS DIRECTORATE.
A Water Quality Economic Index,
W80-00346 1301 6B

Boundary Waters Management,
W80-00480 1302 6E

DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO). INLAND WATERS IN DIRECTORATE.
Potential Interactions Between Pipelines and Terrain in a Northern Environment,
W80-02833 1308 4C

DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO). WATER PLANNING AND MANAGEMENT BRANCH.
River Basin Planning in Canada,
W80-00472 1302 6A

DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO). WATER QUALITY BRANCH.
Guidelines for Surface Water Quality, Vol. 1 Inorganic Chemical Substances Arsenic,
W80-00194 1301 5C

Water Quality Sourcebook. A Guide to Water Quality Parameters,
W80-00200 1301 2A

Guidelines for Surface Water Quality Vol 1 Inorganic Chemical Substances Preamble,
W80-01165 1303 5C

Guidelines for Surface Water Quality Vol 1 Inorganic Chemical Substances Chromium,
W80-01166 1303 5C

Guidelines for Surface Water Quality Vol 1 Inorganic Chemical Substances Mercury,
W80-01167 1303 5C

Guidelines for Surface Water Quality Vol 1 Inorganic Chemical Substances Cadmium,
W80-01168 1303 5C

Glacier Surveys in British Columbia- 1976,
W80-01169 1303 2C

Frost Gauges and Freezing Gauges,
W80-01170 1303 2A

Bibliography of Water Quality Branch Publications 1978.
W80-02834 1308 2A

DEPARTMENT OF THE ENVIRONMENT, OTTAWA (ONTARIO). WATER RESOURCES BRANCH.
Surface Water Data Manitoba 1978.
W80-00195 1301 4A

Surface Water Data Yukon and Northwest Territories 1978.
W80-00196 1301 4A

DEPARTMENT OF THE ENVIRONMENT, READING (ENGLAND). CENTRAL WATER PLANNING UNIT.
River Basin Management in the United Kingdom.
W80-00449 1302 6A

A Procedure for the Prediction of Nitrate Levels in Water Supplies in the United Kingdom,
W80-00993 1303 5C

DEPARTMENT OF THE ENVIRONMENT, VANCOUVER (BRITISH COLUMBIA). INLAND WATER DIRECTORATE.
Importance of Lake-River Interaction on Seasonal Patterns in the General Circulation of Kamloops Lake, British Columbia,
W80-00631 1302 2H

DEPARTMENT OF THE ENVIRONMENT, VICTORIA (BRITISH COLUMBIA).
British Columbia Aquatic Plant Management Program,
W80-03840 1311 4A

DEPARTMENT OF THE INTERIOR, ALBUQUERQUE, NM. FIELD SOLICITOR'S OFFICE.
Res Judicata - Will It Stop Instream Flows from Being the Wave of the Future.,
W80-05400 1316 6E

DEPARTMENT OF THE INTERIOR, WASHINGTON, DC. OFFICE OF MINERALS POLICY AND RESEARCH ANALYSIS.
Economics and Water Conservation,
W80-01970 1305 6B

Economics and Water Conservation Part 2,
W80-04149 1312 3D

DEPARTMENT OF THE INTERIOR, WASHINGTON, DC. OFFICE OF THE ASSISTANT SECRETARY FOR ENERGY AND MINERALS.
United States Ocean Mineral Resource Interests and the United Nations Conference on the Law of the Sea,
W80-03415 1310 6E

DEPARTMENT OF THE INTERIOR, WASHINGTON, DC. OFFICE OF THE SOLICITOR.
Navajo Water Rights: Pulling the Plug on the Colorado River,
W80-05698 1317 6E

DEPARTMENT OF TRANSPORTATION, WASHINGTON, DC.
U.S. Inland Water Transportation,
W80-00473 1302 6E

DEPARTMENT OF WATER AFFAIRS, GABORONE (BOTSWANA).
A Mini-Guide to the Water Resources of Botswana,
W80-03063 1309 2A

DEPARTMENT OF WATER AFFAIRS, PRETORIA (SOUTH AFRICA),
Inter Basin Water Transfers in South Africa,
W80-00483 1302 6D

Automatic Water-Level Control in South Africa,
W80-02341 1306 8A

Water from the Waterskloof,
W80-06073 1319 8A

DEPARTMENT OF WATER AFFAIRS (PRETORIA) SOUTH AFRICA. HYDROLOGICAL RESEARCH INST.
Automated Colorimetric Method for the Determination of Vanadium in Fresh Water,
W80-06372 1321 5A

The Determination of Chlorophyll A in Water Containing Sediment,
W80-06648 1324 5A

The Chemical Composition of Water and the Analytical Chemist: A Challenge,
W80-06649 1324 5A

Membrane Filtration Faecal Coliform Determinations with Unmodified and Modified M-FC Medium,
W80-06851 1324 5D

An Automated Method for the Determination of Total Inorganic Carbon in Fresh Water,
W80-06854 1324 5A

An Automated Method for the Determination of Dissolved Organic Carbon in Fresh Water,
W80-06855 1324 5A

DESAL-CHEM, INC., TULSA, OK. (ASSIGNEE).
Desalinization and Chemical Extraction Process,
W80-03464 1310 3A

DESALINATION SYSTEMS INC., ESCONDIDO, CA. (ASSIGNEE).
Conversion of Sea Water by Reverse Osmosis,
W80-00908 1303 3A

DEUTSCHE AKADEMIE DER WISSENCHAFTEN ZU BERLIN (GERMAN D.R.). INST. FUER GEOGRAPHIE AND GEOOKOLOGIE.
A Mathematical Ecosystem Model Applicable to Shallow Water Bodies,
W80-00711 1302 2L

DEUTSCHE AKADEMIE DER WISSENSCHAFTEN ZU BERLIN (GERMANY, F.R.). INST. FUER GEOGRAPHIE AND GEOEKOLOGIE.
On the Theoretical Basis of Modelling the Quality of Surface and Subsurface Waters,
W80-00700 1302 5B

DEUTSCHE GOLD- UND SILBER-SCHEIDEANSTALT A.G., FRANKFURT AM MAIN (GERMANY, F.R.).
Process for the Separation of Cadmium (CD++) Ions from Sewage, Waste Water and Aqueous Solutions,
W80-03270 1309 5D

DEUTSCHE GOLD- UND SILBER-SCHEIDEANSTALT A. G., FRANKFURT-AM-MAIN (GERMANY, F.R.). (ASSIGNEE).
Process for the Purification of Phenol and Phenol Formaldehyde Containing Waste Water,
W80-01177 1303 5D

Process for Removal of Hardening and Galvanizing Waste Water,
W80-05978 1318 5D

DI PALMA IRRIGATION S.A., CAVALLE (FRANCE). (ASSIGNEE).
Self-Propelling Watering Apparatus,
W80-06177 1319 3F

DILLON (M. M.) LTD, TORONTO (ONTARIO).
Storm Water Management Model Verification Study.
W80-05565 1317 2A

DOMTAR INC., MONTREAL (QUEBEC). (ASSIGNEE).
Process for Mercury Removal,
W80-01485 1304 5D

DOMTAR LTD. RESEARCH CENTRE, SENNEVILLE (ONTARIO).
Difference in Taste Between the Right and Left Sides of Tainted Fish,
W80-02961 1308 5C

DONOHUE AND ASSOCIATES, INC., WAUKESHA, WI.
Flood Insurance Program: Regional Agency's Perspective,
W80-01686 1305 4A

DOW CHEMICAL CO., MIDLAND, MI. (ASSIGNEE).
Separation of Oil from Water,
W80-02771 1308 5G

DOW CHEMICAL CO., MIDLAND, MI. ENVIRONMENTAL SCIENCES RESEARCH LAB.
Taint Threshold of Diphenyl Oxide in Rainbow Trout,
W80-00828 1303 5A

Estimating Rate Constants for the Uptake and Clearance of Chemicals by Fish,
W80-02959 1308 5B

DOW CHEMICAL CO., MIDLAND, MI. HEALTH AND ENVIRONMENTAL SCIENCES.
Fish and Daphnia Toxicity as Surrogates for Aquatic Vascular Plants and Algae,
W80-02960 1308 5A

DOW CHEMICAL U. S. A., FREEPORT, TX. TEXAS DIV.
Field Demonstration of Shrimp Mariculture Feasibility in Dredged Material Containment Areas,
W80-00919 1303 5E

DRAVCO CORP., PITTSBURGH, PA. (ASSIGNEE).
Method for Denitrification of Treated Sewage,
W80-01476 1304 5D

DRAVO CORP., PITTSBURGH, PA. (ASSIGNEE).
Apparatus for the Treatment of Wastewater,
W80-06193 1319 5D

DREXEL UNIV., PHILADELPHIA, PA.
Investigation of Sanitary Landfill Behavior, Volume I. Final Report,
W80-03567 1310 5B

DREXEL UNIV., PHILADELPHIA, PA. DEPT. OF CIVIL ENGINEERING.
Detection Methods for Location of Subsurface Water and Seepage,
W80-02334 1306 2F

DU PONT DE NEMOURS (E.I.) AND CO., AIKEN, SC. SAVANNAH RIVER LAB.
The Use of Naturally Occurring Helium to Estimate Groundwater Velocities for Studies of Geologic Storage of Radioactive Waste,
W80-01819 1305 2F

Aeromonas Distribution and Survival in a Thermally Altered Lake,
W80-03787 1311 4A

Determination of the Location and Connectivity of Fractures in Metamorphic Rock With In-Hole Tracers,
W80-05747 1318 2F

A Tidal-Powered Water Sampler,
W80-06766 1324 7B

DUKE UNIV., BEAUFORT, NC. MARINE LAB.
Effect of Dimilin on Development of Lake Larvae of the Stone Crab Menippe Mercenaria, and the Blue Crab, Callinectes Sapidus,
W80-01343 1304 5C

Amazon Lakes: Water Storage and Nutrient Stripping by Algae,
W80-03108 1309 5C

Coastal Colloidal Carbon: A Study of its Seasonal Variation and the Possibility of River Input,
W80-03375 1310 2L

ECONOMIC COMMISSION FOR EUROPE (UN), GENEVA (SWITZERLAND).

The Role of Zooplankton in the Nitrogen Dynamics of a Shallow Estuary,
W80-04448 1313 5C

DUKE UNIV., DURHAM, NC. DEPT. OF CIVIL ENGINEERING.
Level III: Receiving Water Quality Modeling for Urban Stormwater Management,
W80-03657 1311 5D

DUKE UNIV., DURHAM, NC. DEPT. OF ZOOLOGY.
Kepone Effects on Larval Development of Mud-Crab and Blue-Crab,
W80-04739 1314 5C

DUNCAN, LAGNESE AND ASSOCIATES, INC., PITTSBURGH, PA.
Sediment Oxygen Demand and Nutrient Release,
W80-05729 1318 2J

DUNDEE UNIV. (SCOTLAND). DEPT. OF BIOLOGICAL SCIENCES.
Growth, Chlorophyll and Mineral Nutrient Studies on Phalaris Arundinaceae L. in Three Scottish Lochs,
W80-04147 1312 5C

Inorganic Mineral Nutrient Level Studies on Potamogeton Pectinatus L. and Enteromorpha Prolifera in Forfar Loch, Scotland,
W80-04356 1313 5C

Growth, Chlorophyll and Mineral Nutrient Studies on Phalaris Arundinaceae L. in Three Scottish Lochs,
W80-05319 1316 2I

Anomalous Transmissions of Water Through Certain Peats,
W80-05635 1317 2G

DUNSTAFFNAGE MARINE RESEARCH LAB., OBAN (SCOTLAND).
Production and Energy Flow in the Macrobenthos of Two Sandy Beaches in South West India,
W80-01463 1304 5C

Some Biochemical Constituents of Stage I and II Nauplii of Balanus Balanoides (L.) and the Effect of Anoxia on Stage I,
W80-04005 1312 5C

DUPONT CO., WILMINGTON, DE.
Environmental Alternatives and Social Goals,
W80-04157 1312 6E

DUQUESNE UNIV. OF THE HOLY GHOST, PITTSBURGH, PA. SCHOOL OF LAW.
Acid Mine Drainage and the Pennsylvania Courts,
W80-04966 1315 6E

DURBAN CITY ENGINEER'S DEPT. (SOUTH AFRICA).
Optimized Economic Use of Sludge Treatment Facilities in Durban,
W80-03979 1312 5B

DURBAN MUNICIPALITY (SOUTH AFRICA).
Future Treatment Plant Requirements,
W80-05977 1318 4A

DURBAN-WESTVILLE UNIV. (SOUTH AFRICA)
Net Reainfall and Interception Loss in a Savanna Cover (Netto Reenval En Onderskeppingsverlies In 'N Savannabedekking),
W80-06091 1319 2I

DURBAN-WESTVILLE UNIV. (SOUTH AFRICA). DEPT. OF BOTANY.
Apparent Transpirational Rhythms of Avicennia Marina (Forsk.) Vierh. at Inhaca Island, Mocambique,
W80-05865 1318 2D

DURHAM UNIV. (ENGLAND). DEPT. OF GEOGRAPHY.
Dams Around the Holy City of Medina, and the Pressure on Its Water Supply,
W80-03549 1310 6B

DURHAM UNIV. (ENGLAND). DEPT. OF ZOOLOGY.
Pollutant Levels in the Great Skua Catharacta Skua,
W80-00845 1303 5B

Variables Affecting Body Burdens of Lead, Zinc and Cadmium in a Roadside Population of the Snail Cepaea Hortensis Muller,
W80-04702 1314 5C

E.V.S. CONSULTANTS LTD., VANCOUVER (BRITISH COLUMBIA).
Environmental Improvement at Neroutsos Inlet, B.C. Volume 6 Acute and Chronic Effects of Port Alice Sulfite Mill Effluent to Fish,
W80-01196 1303 5C

EAST BAY MUNICIPAL UTILITY DISTRICT, OAKLAND, CA.
Leak Detection: Modern Methods, Cost, and Benefits,
W80-02136 1306 6B

EAST CENTRAL OKLAHOMA STATE UNIV., ADA. SCHOOL OF ENVIRONMENTAL SCIENCE.
Treatment of Packinghouse Wastewater by Sand Filtration,
W80-00129 1301 5D

EAST DAKOTA CONSERVATORY SUB-DISTRICT, BROOKINGS, SD.
Lake Cochrane Perimeter Road-Sediment Traps Restoration Project,
W80-02803 1308 2J

EAST RAND PROPRIETARY MINES, LTD., BOKSBURG (SOUTH AFRICA).
The Pumping of Water from Mines in the Central Witwatersrand,
W80-00260 1301 5D

EAST TENNESSEE STATE UNIV., JOHNSON CITY.
Public Water Supplies: The Effect of Federal and Tennessee Water Resource Law,
W80-03601 1311 6E

EAST TENNESSEE STATE UNIV., JOHNSON CITY. DEPT. OF ENVIRONMENTAL HEALTH.
Invasion, Population Dynamics and Elemental Accumulation of Corbicula Fluminea in the New River at Glen Lyn, Virginia,
W80-05332 1316 5C

EASTERN MICHIGAN UNIV., YPSILANTI. DEPT. OF GEOGRAPHY.
Economic Value of Fish, Wildlife, and Recreation in Michigan's Coastal Wetlands,
W80-01965 1305 6B

EASTERN MICHIGAN UNIV., YPSILANTI. DEPT. OF GEOGRAPHY AND GEOLOGY.
Coastal Wetlands Value Study in Michigan: Phase I and II,
W80-01930 1305 6B

Annotated Bibliography: Wetlands Value Study.
W80-01931 1305 7C

ECODYNE CORP., LINCOLNSHIRE, IL. (ASSIGNEE).
Liquid Treatment Apparatus,
W80-03585 1310 5G

Process for Recovery of Chemicals from Saline Water,
W80-06176 1319 3A

ECOISCIENCES INC., SOUTH BEND, IN.
Sodium and Potassium Ions Effects on Phosphorus Transport in Algal Cells,
W80-04392 1313 5C

ECOLE CENTRALE DE LYON, ECULLY (FRANCE). LAB. DE MECANIQUE DES FLUIDES.
Water Drops and Packing Effects Inside Atmospheric Cooling Towers,
W80-06929 1324 2D

ECOLE POLYTECHNIQUE DE MONTREAL (QUEBEC). CENTRE D'INGENIERIE NORDIQUE.
Effect of Specimen Shape on Creep Response of a Frozen Sand,
W80-01514 1304 8D

ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (SWITZERLAND). LAB. D'HYDRAULIQUE.
Simulation of Intermittent Hydrological Processes by Inhomogenous Alternating Models (La Simulation des Processus Hydrologiques Intermittents par des Modeles Alternes Inhomogenes),
W80-05436 1317 2A

ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (SWITZERLAND). LABORATOIRE D'HYDRAULIQUE.
Time-Dependent Stochastic Model of Floods,
W80-05847 1318 2E

ECOLE POLYTECHNIQUE, MONTREAL (QUEBEC). DEPT. OF CIVIL ENGINEERING.
Groundwater Regime Associated with Slope Stability in Champlain Clay Deposits,
W80-05555 1317 8D

ECOLE POLYTECHNIQUE, PARIS (FRANCE).
Cost-Benefit Analysis and Environmental Effects,
W80-00995 1303 6B

ECOLOGICAL RESEARCH ASSOCIATES, FAIRBANKS, AK.
Ecological Studies of Colonial Seabirds at Cape Thompson and Cape Lisburne, Alaska,
W80-05530 1317 5C

ECOLOTROL, INC., BETHPAGE, NY. (ASSIGNEE).
Excess-Growth Control System for Fluidized-Bed Reactor,
W80-05970 1318 5D

Waste Treatment Process,
W80-06466 1324 5D

ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC (UN), BANGKOK (THAILAND).
Report of the ESCAP Regional Preparatory Meeting for the United Nations Water Conference.
W80-00406 1302 6A

ECONOMIC COMMISSION FOR AFRICA (UN), ADDIS ABABA (ETHIOPIA).
Economic Commission for Africa, Regional Report,
W80-00409 1302 6A

ECONOMIC COMMISSION FOR EUROPE (UN), GENEVA (SWITZERLAND).
Economic Commission for Europe. Regional Report,
W80-00408 1302 6A

Long-Term Planning of Water Management,
W80-00434 1302 6A

ECONOMIC COMMISSION FOR EUROPE (UN), GENEVA (SWITZERLAND).

Rational Methods of Flood Control Planning in River Basin Development,
W80-00435 1302 6A

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Status Report on Abatement of Water Pollution from the Canadian Petroleum Refining Industry - 1977.
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ENVIRONMENTAL RESEARCH AND TECHNOLOGY, INC., CONCORD, MA.
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FABRICATION DE MAQUINAS, S. A. MONTERREY (MEXICO).
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FEDERAL ENERGY REGULATORY COMMISSION, WASHINGTON, DC. OFFICE OF ELECTRIC POWER REGULATION.
Planning Status Report, Water Resources Appraisals for Hydroelectric Licensing: Lower Arkansas River Basin-Arkansas, Colorado, Kansas, New Mexico, Oklahoma and Texas,
W80-00533 1302 6D

FEDERAL FLOOD INSURANCE ADMINISTRATION, WASHINGTON, DC.
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FELTEX LTD., (SOUTH AFRICA). (ASSIGNEE).
Process for the Purification of Contaminated Water,
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FENG CHIA COLL. OF ENGINEERING AND BUSINESS, TAICHUNG (TAIWAN). DEPT. OF HYDROLOGY ENGINEERING.
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FIAT S.P.A., TURIN (ITALY). (ASSIGNEE).
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FIELD STUDIES COUNCIL, PEMBROKE (ENGLAND). OIL POLLUTION RESEARCH UNIT.
Biological Monitoring of Sediments in Ekofisk Oilfield,
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FIELD STUDIES COUNCIL, PEMBROKE (WALES). OIL POLLUTION RESEARCH UNIT.
Responses of Salt Marsh Vegetation to Oil Spills and Refinery Effluents,
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FIELD STUDIES COUNCIL, PENBROKE (ENGLAND). POLLUTION RESEARCH UNIT.
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FISH AND WILDLIFE SERVICE, ANCHORAGE, AK. OFFICE OF BIOLOGICAL ECOSYSTEMS.
The Winter Feeding Habits of Selected Species of Marine Birds in Kachemak Bay, Alaska,
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FISH AND WILDLIFE SERVICE, ANCHORAGE, AK. OFFICE OF BIOLOGICAL SERVICES AND COASTAL ECOSYSTEMS.
Seasonal Distribution and Abundance of Marine Birds in Alaska,
W80-05041 1315 5C

Population Dynamics and Trophic Relationships of Marine Birds in the Gulf of Alaska,
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Breeding Biology and Feeding Habits of Seabirds of Sitkalidak Strait,
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Nearshore Feeding Ecology of Marine Birds in the Kodiak Area, 1978,
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W80-05049 1315 5C

Population Dynamics and Trophic Relationships of Marine Birds in the Gulf of Alaska and Southern Bering Sea. Part 11: Notes on the Winter Seabirds of Chiniak Bay, Kodiak Island, Alaska,
W80-05050 1315 5B

FISH AND WILDLIFE SERVICE, BISMARK, ND.
Stream Channelization (P.L. 83-566) Increased Wetland Losses in the Dakotas,
W80-02300 1306 6E

FISH AND WILDLIFE SERVICE, BOZEMAN MT. FISH CULTURAL DEVELOPMENT.
Hepatomas in Atlantic Tomcod Microgadus Tomcod (Walbaum) Collected in the Hudson River Estuary in New York,
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FISH AND WILDLIFE SERVICE, CLEMSON, SC. SOUTHEAST RESERVOIR INVESTIGATIONS.
Effects of a Pumped Storage Hydroelectric Plant on Reservoir Trout Habitat,
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FISH AND WILDLIFE SERVICE, JAMESTOWN, NC. NORTHERN PRAIRIE WILDLIFE RESEARCH CENTER.
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FISH AND WILDLIFE SERVICE, JAMESTOWN, ND. NORTHERN PRAIRIE WILDLIFE RESEARCH CENTER.
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Classification of Wetlands and Deepwater Habitats of the United States,
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FISH AND WILDLIFE SERVICE, JENA, LA. CATAHOULA NATIONAL WILDLIFE REFUGE.
Lead and Mercury in Lesser Snow Geese Wintering in Louisiana,
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FISH AND WILDLIFE SERVICE, KEARNEYVILLE, WV. WATER RESOURCES ANALYSIS.
Impact Assessment of Water Resource Development Activities: A Dual Matrix Approach,
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FISH AND WILDLIFE SERVICE, LA CROSSE, WI. FISH CONTROL LAB.
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FISH AND WILDLIFE SERVICE, LACROSSE, WI. FISH CONTROL LAB.
Candidate Chemicals for Crustacean Culture,
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FISH AND WILDLIFE SERVICE, LAUREL, MD. MIGRATORY BIRD AND HABITAT RESEARCH LAB.
Use of Prairie Pothole Habitat by Breeding Mallards,
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FISH AND WILDLIFE SERVICE, LAUREL, MD. PATUXENT WILDLIFE RESEARCH CENTER.
Embryotoxic Effects of Crude Oil Containing Nickel and Vanadium in Mallards,
W80-00838 1303 5A

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Effects of Corexit 9527 on the Hatchability of Mallard Eggs,
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FISH AND WILDLIFE SERVICE, PORTLAND, OR. DIV. OF ECOLOGICAL SERVICES.
Tolerance of Developing Salmonid Eggs and Fry to Nitrate Exposure,
W80-01085 1303 5A

FISH AND WILDLIFE SERVICE, PRINCETON, IN. CENTRAL STATES FISHERY STATION.
Summary of Central States Fishery Station Strip Mine Lake Project Reports 1973-1978,
W80-02811 1308 8I

FISH AND WILDLIFE SERVICE, SACRAMENTO, CA. OFFICE OF BIOLOGICAL SERVICES.
A Survey of Cetaceans of Prince William Sound and Adjacent Vicinity - Their Numbers and Seasonal Movements,
W80-05519 1317 5C

FISH AND WILDLIFE SERVICE, SACRAMENTO, CA. WATER POLICY CENTER.
Publicly Vested Values for Fish and Wildlife: Criteria in Economic Welfare and Interface with the Law,
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FISH AND WILDLIFE SERVICE, SAN MARCOS, TX. FISH CULTURAL DEVELOPMENT CENTER.
Masoten (Dylox) as a Control for Clam Shrimp in Hatchery Production Ponds,
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Effects of Masoten (DYLOX) on Plankton in Earthen Ponds,
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FISH AND WILDLIFE SERVICE, ST. PETERSBURG, FL. OFFICE OF BIOLOGICAL SERVICES.
Techniques Developed and Presently Being Used to Conduct the National Wetland Inventory Project,
W80-02285 1306 7C

FISH AND WILDLIFE SERVICE, VICTORIA, TX. GULF COAST FIELD STATION.
Parathion Causes Secondary Poisoning in a Laughing Gull Breeding Colony,
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Resuspension of Oil: Probable Cause of Brown Pelican Fatality,
W80-02425 1307 5C

Effects of Oil Transferred from Incubating Gulls to Their Eggs,
W80-02967 1308 5B

FISH AND WILDLIFE SERVICE, WARM SPRINGS, GA. SOUTHEASTERN FISH CONTROL.
Toxicity of Fishery Chemicals to the Asiatic Clam, Corbicula Manilensis,
W80-00785 1302 5A

FISH AND WILDLIFE SERVICE, WARM SPRINGS, GA. SOUTHEASTERN FISH CONTROL LAB.
Uptake, Metabolism, and Elimination of the Lampricide 3-Trifluoromethyl-4 Nitrophenol by Largemouth Bass (Micropterus Salmoides),
W80-06281 1320 5B

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W80-06282 1320 5A

FISH AND WILDLIFE SERVICE, WASHINGTON, DC. OFFICE OF BIOLOGICAL SERVICES.
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W80-02271 1306 6E

FISH BREEDERS OF IDAHO, BUHL.
Channel Catfish Production in Geothermal Water,
W80-06729 1324 8I

FISHERIES AND MARINE SERVICE, DARTMOUTH (NOVA SCOTIA). BEDFORD INST. OF OCEANOGRAPHY.
Growth and Mortality of the Blue Mussel (Mytilus Edulis) in Relation to Environmental Indexing,
W80-02399 1306 5A

FISHERIES AND MARINE SERVICE, HALIFAX (NOVA SCOTIA).
Acidification and Other Chemical Changes in Halifax County Lakes after 21 Years,
W80-02668 1307 2K

FISHERIES AND MARINE SERVICE, HALIFAX (NOVA SCOTIA). HALIFAX LAB.
Heavy Metal Residues in Dulse, An Edible Seaweed,
W80-01757 1305 5A

FISHERIES AND MARINE SERVICE, NANAIMO (BRITISH COLUMBIA).
Response of a Lake Whitefish (Coregonus Clupeaformis) Population to Exploitation,
W80-01789 1305 6G

FISHERIES AND MARINE SERVICE, NANAIMO (BRITISH COLUMBIA). PACIFIC BIOLOGICAL STATION.
Influence of Salinity and Cadmium on Capsule Strength in Pacific Herring Eggs,
W80-00865 1303 5A

Influence of Salinity and Cadmium on the Volume of Pacific Herring Eggs,
W80-00866 1303 5A

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Osmotic Responses of Eggs and Larvae of the Pacific Herring to Salinity and Cadmium,
W80-04733 1314 5B

FISHERIES AND MARINE SERVICE, OTTAWA (ONTARIO). GREAT LAKES BIOLIMNOLOGY LAB.
Effects of Dietary Ascorbic Acid on Chronic Lead Toxicity to Young Rainbow Trout (Salmo Gairdneri),
W80-04720 1314 5A

FISHERIES AND MARINE SERVICE, SAULT STE. MARIE (ONTARIO). GREAT LAKES BIOLIMNOLOGY LAB.
Entrainment and Impingement of Fish by Power Plants in the Great Lakes which Use the Once-Through Cooling Process,
W80-02965 1308 5A

FISHERIES AND MARINE SERVICE, ST. ANDREWS (NEW BRUNSWICK). BIOLOGICAL STATION.
Tidal Energy and Sublittoral Macrobenthic Animals in Estuaries,
W80-01868 1305 2L

Temperature Preference of Several Species of Salmo and Salvelinus and Some of their Hybrids,
W80-02397 1306 5A

FISHERIES AND MARINE SERVICE, ST. JOHN'S (NEWFOUNDLAND); AND MEMORIAL UNIV. OF NEWFOUNDLAND, ST. JOHN'S.
Are Petroleum Hydrocarbons an Important Source of Mutagens in the Marine Environment,
W80-00165 1301 5C

FISHERIES AND MARINE SERVICE, VANCOUVER (BRITISH COLUMBIA).
Mortality, Growth and Fecundity of Transplanted Mussel and Barnacle Populations Near a Pulp Mill Outfall,
W80-04418 1313 5C

FISHERIES AND MARINE SERVICE, WEST VANCOUVER (BRITISH COLUMBIA).
Toxicity of Landfill Leachates to Underyearling Rainbow Trout (Salmo Gairdneri),
W80-02422 1307 5C

FISHERIES AND MARINE SERVICE, WINNIPEG (MANITOBA).
A Plan for Scientific Response to an Oil Spill in the Beaufort Sea,
W80-00164 1301 5C

FISHERIES AND MARINE SERVICE, WINNIPEG (MANITOBA). DEPT. OF FISHERIES AND OCEAN.
Persistence of Fluridone in Small Ponds,
W80-04524 1314 5B

FISHERIES AND MARINE SERVICE, WINNIPEG (MANITOBA). FRESHWATER INST.
The Source of Muddy Odor in Bream (Abramis Brama) from the Porvoo Sea Area (Gulf of Finland),
W80-00661 1302 5A

Oxygen Depletion and Winterkill Risk in Small Prairie Lakes Under Extended Ice Cover,
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Olfactory Bulbar Electrical Responses of Rainbow Trout (Salmo Gairdneri) Exposed to Morpholine During Smoltification,
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A Relation Between Lake Morphometry and Primary Productivity and Its Use in Interpreting Whole-Lake Eutrophication Experiments,
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FISHERIES COLL., MANGALORE (INDIA).
Effects of Ammonia and Ammonium on Tolerance and Byssogenesis in Perna Viridis,
W80-04721 1314 5C

FISHERIES RESEARCH STATION, ABERDEEN (HONG KONG).
The Rock Oyster Saccostrea Glomerata as an Indicator of Trace Metals in Hong Kong,
W80-00793 1302 5A

FISHERIES RESEARCH UNIT, TEMA (GHANA).
The Seasonal Cycle of the Phytoplankton in the Coastal Waters of Ghana,
W80-04361 1313 5C

FLEET WEATHER FACILITY, SUITLAND, MD.
Data Sources and Sea Ice Products of Fleet Weather Facility/Joint Ice Center, Suitland,
W80-00568 1302 2C

FLORIDA AGRICULTURAL AND MECHANICAL UNIV., TALLAHASSEE.
Studies on the Plant Community of a North Florida Salt Marsh Part II. Nutritive Value and Decomposition,
W80-03975 1312 5C

FLORIDA AGRICULTURAL AND MECHANICAL UNIV., TALLAHASSEE. DEPT. OF EARTH AND PLANT SCIENCE.
Distribution and Properties of Some Tidal Marsh Soils of Apalachee Bay, Florida,
W80-02313 1306 2G

FLORIDA AGRICULTURAL MARKET RESEARCH CENTER, GAINESVILLE.
Theoretical and Empirical Considerations for Estimating Capacity and Capacity Utilization in Commercial Fisheries,
W80-02141 1306 6B

FLORIDA DEPT. OF NATURAL RESOURCES, TALLAHASSEE. BUREAU OF AQUATIC PLANT RESEARCH AND CONTROL.
Large-Scale Operations Management Test of Use of the White Amur for Control of Problem Aquatic Plants; Report 1, Baseline Studies; Volume I: The Aquatic Macrophytes of Lake Conway, Florida,
W80-06541 1324 2I

FLORIDA STATE DEPT. OF ENVIRONMENTAL REGULATION, TALLAHASSEE. WATER RESOURCES RESTORATION AND PRESERVATION.
Florida's Water Resources Restoration Program,
W80-02780 1308 6B

FLORIDA STATE GAME AND FRESH WATER FISH COMMISSION, EUSTIS. EUSTIS FISHERIES RESEARCH LAB.
Taxonomic Characteristics of Aquatic Plants from the Alimentary Tract of Grass Carp,
W80-03831 1311 4A

FLORIDA STATE UNIV., TALLAHASSEE. DEPT. OF BIOLOGICAL SCIENCE.
Correlation of Apalachicola River Floodplain Tree Communities with Water Levels, Elevation, and Soils,
W80-00041 1301 2I

Multiple Factor Interactions and Stress in Coastal Systems: A Review of Experimental Approaches and Field Implications,
W80-02111 1306 5A

The Apalachicola Dilemma: Wetlands Priorities Developmental Stress, and Management Initiatives,
W80-02280 1306 6E

FLORIDA STATE UNIV., TALLAHASSEE. DEPT. OF OCEANOGRAPHY.
Temperature Fine-Structure of Lake Michigan Hypolimnion,
W80-06769 1324 2H

FLORIDA UNIV., BELLE GLADE. DEPT. OF AGRICULTURAL ENGINEERING.
Sampling Programs for Evaluating Upland Marsh to Improve Water Quality,
W80-01852 1305 5A

FLORIDA UNIV., GAINESVILLE.
Florida's 'Reasonable Beneficial' Water Use Standard: Have the East and West Met,
W80-02415 1307 6E

Coordinating Land and Water Use Planning for Sound Resource Management,
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Laying the Foundation for Sophisticated Environmental Strategies: A Florida Case Study,
W80-04969 1315 6E

Onshore Impact in Florida of Offshore Energy Development,
W80-05887 1318 6E

FLORIDA UNIV., GAINESVILLE. CENTER FOR WETLANDS.
Value of Wetlands as Domestic Ecosystems,
W80-02256 1306 6B

FLORIDA UNIV., GAINESVILLE. COASTAL AND OCEANOGRAPHIC ENGINEERING LAB.
Vortex Formation in a Powerplant Collection Basin,
W80-05188 1316 8B

FLORIDA, UNIV., GAINESVILLE. COLL. OF VETERINARY MEDICINE.
Failure of Osmoregulation with Apparent Potassium Intoxication in Marine Teleosts: A Primary Toxic Effect of Copper,
W80-01079 1303 5A

FLORIDA UNIV., GAINESVILLE. DEPT. OF AGRICULTURAL ENGINEERING.
Nutrient Loads in Streamflow from Sandy Soils in Florida,
W80-03184 1309 5B

FLORIDA UNIV., GAINESVILLE. DEPT. OF BOTANY; AND FLORIDA UNIV., GAINESVILLE. DEPT. OF AGRONOMY.
Seasonal Variation in the Biomass, Tuber Density, and Photosynthetic Metabolism of Hydrilla in Three Florida Lakes,
W80-03834 1311 5C

FLORIDA UNIV., GAINESVILLE. DEPT. OF CIVIL ENGINEERING.
Verification of an Estuarine Model for Apalachicola Bay, Florida,
W80-05179 1316 2L

Comparison of Muskingum Method Difference Schemes,
W80-05843 1318 2E

Analytical-Numerical Computation of Infiltration,
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FLORIDA UNIV., GAINESVILLE. DEPT. OF COASTAL AND OCEANOGRAPHIC ENGINEERING.
Field Verification of Sediment Transport Model,
W80-05228 1316 2L

FLORIDA UNIV., GAINESVILLE. DEPT. OF ENVIRONMENTAL ENGINEERING SCIENCES.
Transport of Viruses Through Organic Soils and Sediments,
W80-00584 1302 5E

Denitrification in Natural Waters,
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Denitrification in the Sediments of Lake Okeechobee,
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Comparative Biomass and Growth of Cypress in Florida Wetlands,
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Acid Precipitation and Sulfate Deposition in Florida,
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Characterization of Organic Nitrogen in Natural Waters: Its Molecular Size, Protein Content, and Interactions with Heavy Metals,
W80-06114 1319 2H

FLORIDA UNIV., GAINESVILLE. DEPT. OF GEOLOGY.
Geohydrologic Model of the Floridan Aquifer in the Southwest Florida Water Management District,
W80-03751 1311 2F

FLORIDA UNIV., GAINESVILLE. DEPT. OF SOIL SCIENCE.
Nitrogen and Water Distributions in Fertilized Sandy Soil During Irrigation and Drainage,
W80-04642 1314 2G

Denitrification in Wetlands as a Means of Water Quality Improvement,
W80-06507 1324 5D

Experimental and Mathematical Description of Nonadsorbed Solute Transfer by Diffusion in Spherical Aggregates,
W80-06764 1324 2G

FLORIDA UNIV., GAINESVILLE. HYDROLOGY LAB.
Ground Water Flow Computations by Method of Lines,
W80-04950 1315 7C

FLORIDA, UNIV., GAINESVILLE. SCHOOL OF FOREST RESOURCES AND CONSERVATION.
Effects of Salinity on Vegetation Consumption and Growth in Grass Carp,
W80-04395 1313 5A

FLOW RESEARCH CO., KENT, WA.
Effects of an Oil Slick on Wind Waves,
W80-00183 1301 5C

The Transport and Behavior of Oil Spilled in and Under Sea Ice,
W80-05357 1316 5A

Beaufort and Chukchi Sea Ice Motion. Part 1: Pack Ice Trajectories,
W80-05358 1316 5A

Beaufort and Chukchi Sea Ice Motion. Part 2: Onset of Large Scale Chukchi Sea Ice Breakout,
W80-05359 1316 5A

Arctic Oil Spill Scenarios - Outline,
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FMC CORP., SAN JOSE, CA. (ASSIGNEE).
Pressurized Oxygenation of Sewage,
W80-02644 1307 5D

Water Intake Screen Installation and Method of Straining Water,
W80-06574 1324 5G

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, MALAYA (SINGAPORE).
Energy and Useful By-Product Recovery from Animal Wastes,
W80-01639 1305 5D

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, NEW YORK.
A Multi-Disciplinary Approach to the Reclamation of Irrigation Schemes in Central Iraq,
W80-01695 1305 3F

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, ROME (ITALY).
Water for Agriculture.
W80-00424 1302 4A

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED STATES, ROME (ITALY).
Impact of the Argo Merchant Oil Spill on Macrobenthic and Pelagic Organisms,
W80-01145 1303 5C

FOOD AND DRUG ADMINISTRATION, BROOKLYN, NY.
Identification of the Herbicide 2,4,6-Trichlorophenyl P4-Nitrophenyl Ether in Imported Rainbow Trout,
W80-00841 1303 5A

FORAS FORBARTHA, DUBLIN (IRELAND).
An Automated Procedure for the Determination of Phosphorus,
W80-03463 1310 5A

FORD, BACON AND DAVIS UTAH, INC., SALT LAKE CITY.
Migration of Radionuclide Chains in Ground Water,
W80-03433 1310 5B

FORDHAM UNIV., BRONX, NY. SCHOOL OF LAW.
Transboundary Ground Water Pollution: Survey and Trends in Treaty Law,
W80-01546 1304 6E

An International Comparison of Trends in Water Resources Management,
W80-04498 1313 6E

FOREMOST-MCKESSON, INC., SAN FRANCISCO, CA. (ASSIGNEE).
Method and Apparatus Utilizing Staged Reverse Osmosis Units for Purifying and Dispensing Water,
W80-01483 1304 5F

FOREST RESEARCH INST. CHRISTCHURCH (NEW ZEALAND).
Streamflow Generation in a Forested Watershed, New Zealand,
W80-00724 1302 2E

Rainfall Interception in a Forest Stand Estimated from Grassland Meteorological Data,
W80-04514 1314 2A

Rainfall Interception by a Beech-Podocarp-Hardwood Forest Near Reefton, North Westland, New Zealand,
W80-06475 1324 2A

Forest Management Effects on Interception, Evaporation, and Water Yield,
W80-06476 1324 2D

Prediction of Hydrologic Variables From Channel Morphology, South Island Rivers,
W80-06478 1324 2E

FOREST RESEARCH STATION, FARNHAM (ENGLAND).
A Descriptive Model of the Relationship between Rainfall and Soil Water Table,
W80-06205 1320 2G

FOREST SERVICE, ANCHORAGE, AK.
Inventory and Display of Aquatic Habitat,
W80-01909 1305 6B

FORSVARETS FORSKNINGSANSTALT FOA, STOCKHOLM (SWEDEN).
Measurements of Rainfall Intensity, Instrumentation and Data Processing,
W80-04028 1312 2B

FOX (F.M.) AND ASSOCIATES, INC., SPOKANE, WA.
Use of Digital Models to Manage Ground Water,
W80-00252 1301 2F

FRANKLIN ELECTRIC, BLUFFTON, IN. SUBMERSIBLE ENGINEERING DEPT.
Submersible Motors...Reliable Performance Depends on Reliable Installation,
W80-05559 1317 8C

FRANKLIN PIERCE LAW CENTER, CONCORD, NH.
Preliminary Analysis of Legal Obstacles and Incentives to the Development of Low-Head Hydroelectric Power in the Northeastern United States,
W80-00363 1301 6E

FRANKLIN THOMAS BACKUS LAW SCHOOL, CLEVELAND, OH.
A Recipe for Bad Water: Welfare Economics and Nuisance Law Mixed Well,
W80-04469 1313 6E

FREEPORT MINERALS CO., NEW YORK. (ASSIGNEE).
Method and Apparatus for Utilizing Accumulated Underground Water in the Mining of Subterranean Sulphur,
W80-01180 1303 2F

FRESHWATER BIOLOGICAL ASSOCIATION, AMBLESIDE (ENGLAND).
A Note on Aging in Fish with Special Reference to the Perch, Perca Fluviatilis L.,
W80-01792 1305 8I

Stratification in Natural Populations of Bloom-forming Blue-Green Algae,
W80-02511 1307 5C

Strategies for Co-existence in Two Limnetic Cyclopoid Copepods,
W80-02542 1307 5C

Notes on the Phytoplankton Periodicity of Rostherne Mere, Cheshire, 1967-1977,
W80-03116 1309 5C

FRESHWATER BIOLOGICAL ASSOCIATION, WAREHAM (ENGLAND), RIVER LAB.
Origin and Variation of Nitrate Nitrogen in the Chalk Springs, Streams, and Rivers in Dorset and Its Utilization by Higher Plants,
W80-01276 1304 5C

Life-History and Distribution of Simulation Austeni (Diptera: Simuliidae) In Relation to Phytoplankton in Some Southern English Rivers,
W80-01361 1304 5C

Rapid Exchange of Oxygen Between Plant and Water,
W80-02522 1307 5C

Statistical Analysis of Nitrate Concentrations from the River Frome (Dorset) for the Period 1965-76,
W80-04101 1312 5B

FRESHWATER BIOLOGICAL ASSOCIATION, WINDEREMERE (ENGLAND).
Spartial Variation in Epilithic Algae in a Stony Stream (Wilfin Beck) with Particular Reference to Cocconeis Placentula,
W80-01360 1304 5C

FRESHWATER BIOLOGICAL ASSOCIATION, WINDERMERE (ENGLAND).
Physiological and Environmental Constraints in the Ecology of the Planktonic Dinoflagellate Ceratium Hirundinella,
W80-02092 1306 5A

The Occurrence of a Hypersensitive Reaction in the Planktonic Diatom Asterionella Formosa Hassall Parasitized by the Chytrid Rhizophydium Planktonicum Canter Emend., In Culture,
W80-04654 1314 5C

Acidity and Species Diversity in Freshwater Crustacean Faunas,
W80-04731 1314 5A

FRESHWATER FISHERIES LAB., PITLOCHRY (SCOTLAND).
An Investigation into the Effects of the Piscicide Antimycin A on the Fish and Invertebrates of a Scottish Stream,
W80-01083 1303 5A

FRESHWATER FISHERIES RESEARCH LAB., TOKYO (JAPAN).
Effects of Toxic Amounts of Dietary Zinc on the Growth and Body Components of Rainbow Trout at Two Levels of Calcium (In Japanese).
W80-02102 1306 5A

FRIEDRICH AIR CONDITIONING AND REFRIGERATION CO., FORT LAUDERDALE, FL.
A Technical Examination of Ground Water Geothermal Heat Pump Components,
W80-05051 1315 8C

FRL, AN ALBANY INTERNATIONAL CO., DEDHAM, MA.
Development of Composite Hollow Fiber Reverse Osmosis Systems,
W80-06326 1321 3A

FUHRBERG WATERWORKS, HANNOVER (GERMANY, F.R.).
Resin Treatment Improves High-Color Ground Water,
W80-03436 1310 5F

GAF CORP., NEW YORK. (ASSIGNEE).
Aquatic Herbicidal Diacylimide Compositions,
W80-00894 1303 4A

GATES (W. E.) AND ASSOCIATES, CINCINNATI, OH.
Engineering and Cost Parameters,
W80-00564 1302 6B

GATTY MARINE LAB., ST. ANDREWS (ENGLAND).
Physiological Aspects of Primary Production in Seagrasses,
W80-04134 1312 2L

GELOGICAL SURVEY, MADISON, WI. WATER RESOURCES DIV.
Water Resources Data for Wisconsin, Water Year 1979,
W80-06161 1319 7C

GENERAL ACCOUNTING OFFICE, WASHINGTON, DC.
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GOTZELMANN KG INDUSTRIEABWASSER-ANLAGEN, STUTTGART (GERMANY, F.R.). (ASSIGNEE).
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GREAT LAKES FOREST RESEARCH CENTRE, SAULT SAINTE MARIE (ONTARIO).
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GRENOBLE-1 UNIV. (FRANCE). INST. DE MECANIQUE.
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GRENOBLE UNIV-1 (FRANCE). INST. DE MECANIQUE.
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GROUPEMENT D'ETUDES ET DE REALISATIONS DES SOCIETES D'AMENAGEMENT REGIONAL, NIMES (FRANCE).
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HANOVER UNIV. (GERMANY, F.R.).
Tidal Wave Analysis for Estuaries With Intertidal Flats,
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HANOVER UNIV. (GERMANY, F.R.). INST. OF STRUCTURAL AND NUMERICAL MECHANICS.
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HARYANA AGRICULTURAL UNIV., HISSAR (INDIA). DEPT. OF AGRICULTURAL ENGINEERING.
Storage of Freshwater in Saline Aquifers,
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HARYANA AGRICULTURAL UNIV. (INDIA).
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HASKELL LAB. FOR TOXICOLOGY AND INDUSTRIAL MEDICINE, NEWARK, DE.
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Wastewater Management Study for Cleveland-Akron Metropolitan and Three Rivers Watershed Areas, Appendix III: Municipal Wastewater and Stormwater Runoff.
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HEBREW UNIV., JERUSALEM (ISRAEL). DEPT. OF ZOOLOGY.
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HEBREW UNIV., REHOVOT (ISRAEL). FACULTY OF AGRICULTURE.
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Field Techniques for Experimental Stress Analysis in Arctic Sea Ice,
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HELSINKI UNIV. (FINLAND). DEPT. OF BOTANY.
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HELSINKI UNIV., (FINLAND). DEPT. OF LIMNOLOGY.
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Optimal Management of a Multireservoir Water Supply System,
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Ratio ATP/Chlorophyll as An Index of Rivers' Water Quality,
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KARACHI UNIV. (PAKISTAN). INST. OF MARINE BIOLOGY.
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KARADENIZ TEKNIK UNIV., TRABZON (TURKEY). DEPT. OF CIVIL ENGINEERING AND ARCHITECTURE.
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KARLSRUHE UNIV. (GERMANY, F.R.). INST. OF SOIL MECHANICS AND ROCK MECHANICS.
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KASETSART UNIV., BANGKOK (THAILAND).
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KASPIISKII NAUCHNO-ISSLEDOVATELSKII INST. RYBNOGO KHOZYAISTVA, ASTRAKHAN (USSR).
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W80-03251 1309 5A

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KATHOLIEKE ULNIV., NIJMEGEN (NETHERLANDSL). LAB. VOOR AQUATISCHE OECOLOGIE.
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KATHOLIEKE UNIV. NIJMEGEN (NETHERLANDS). LAB. OF AQUATIC ECOLOGY.
Distribution and Aspects of the Production and Biomass of Eelgras, Zostera Marina L., at Roscoff, France,
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KAZAKH RESEARCH INST. OF FISHERIES, ALMA-ATA (USSR).
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Future Effects on the Mining Industry of 1977 Clean Water Act,
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KENT UNIV., CANTERBURY (ENGLAND). BIOLOGICAL LAB.
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KHARKOV VODOKANALNIIPROEKT INST. (USSR).
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KHARTOUM UNIV. (SUDAN). DEPT. OF CIVIL ENGINEERING.
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KIEL UNIV. (GERMANY, F.R.). ZOOLOGISCHES INST.
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Development of Water Resources and its Influence on the Ecology of Saudi Arabia,
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The Use of Isaza (Chaenogobius Isaza Tanaka) to Study the PCB Pollution (In Japanese),
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KOBE UNIV. (JAPAN).
Recent State of Oil Pollution in the Mariculture Farms in Seto Inland Sea, Japan,
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KOBE UNIV. (JAPAN). DEPT. OF BOTANY.
Composition of Benthic Marine Algae in Relation to Pollution in the Seto Inland Sea, Japan,
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Multi-Objective Analysis in Water Supply and Management Problems for a Single River Basin,
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Behavior of Seawater Intrusion in Layered Coastal Aquifers,
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KOBE UNIV. OF MERCANTILE MARINE (JAPAN). RESEARCH INST. OF MARINE CARGO TRANSPORTATION.
Degradation of the Crude Oil by Arthrobacter Sp. (In Japanese),
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KOCHI UNIV. (JAPAN). FACULTY OF AGRICULTURE.
Production of Vitamin B12, Thiamine, and Biotin by Freshwater Phytoplankton,
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KOHEI DEGUCHI (JAPAN). (ASSIGNEE).
Removal of Fluorine from Water,
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Process for Reducing Aqueous Effluents Containing Environmentally Unacceptable Compounds from a Process for Gasifying Carbonaceous Materials,
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KUMAMATO UNIV., (JAPAN). AITSU MARINE BIOLOGICAL STATION.
Mercury Contents of Zooplankton Collected in the Tropical Pacific Ocean,
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KUMAUN UNIV., NAINI TAL (INDIA). MAB/DST LAKES PROJECT.
Effects of Increased Land-Use Upon Freshwaters in the Central Himalayas,
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KUOPIO UNIV., (FINLAND).
Toxicity and Retention of DDT in Adult Frogs, Rana Temporaria L.,
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KUREHA KAGAKU KOGY KABUSHIKI KAISHA, TOKYO (JAPAN). (ASSIGNEE); AND TOYO BOSEKI KABUSHIKI KAISHA, OSAKA (JAPAN). (ASSIGNEE).
Waste Water-Treating Method,
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KUYBYSHEVSKII INZHENERO-STROITELNYI INST. (USSR). FROZEN SOIL SCIENCE AND POWER PLANT CONSTRUCTION BRANCH RESEARCH LAB.
Interrelationship of the Principal Physiocomechanical and Thermophysical Properties of Coarse-Grained Frozen Soils,
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KYOTO UNIV. (JAPAN). DEPT. OF APPLIED MATHEMATICS AND PHYSICS.
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KYOTO UNIV. (JAPAN). DEPT. OF ZOOLOGY.
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KYOTO UNIV. (JAPAN). DISASTER PREVENTION RESEARCH INST.
Debris Flow on Prismatic Open Channel,
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KYUSHU UNIV., FUKUOKA (JAPAN). DEPT. OF FISHERIES.
Effects of Oral Administration of Cadmium on Fish-V Effects on Calcium and Inorganic Phosphorus Excretion in the Carp,
W80-00663 1302 5A

KYUSHU UNIV., FUKUOKA (JAPAN). LAB. OF FISHERIES AND CHEMISTRY.
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LABORATOIRE CENTRAL DES PONTS ET CHAUSSEES, PARIS (FRANCE).
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LABORATOIRE DE BIOLOGIE MARINE, NANTES (FRANCE) FACULTE DES SCIENCES.
Influence of the Mode of Contamination on the Subsequent Elimination of Cobalt 60 by a Phanerogame, A Mollusc, A Crustacean and by a Freshwater Fish (In French),
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LABORATOIRE DE CRYPTOGAMIE DU MNHN, PARIS (FRANCE).
The Carbon Balance in an Experiment Regarding the Bacterial Biodegradation of a Topped Crude Oil (In French),
W80-02993 1308 5B

LABORATOIRE DE ZOOLOGIE, AQUACULTURE AND POLLUTIONS MARINES, BREST (FRANCE).
Effects of Crude Oil on the Development of the Shell of Mytilus edulis (L) (Mytilidae, Bivalvia), (In French),
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LABORATORIES D'AUTOMATIQUE, SAINT MARTIN D'HERES (FRANCE).
A Discrete Model for the Study of a Lake,
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LABORATORIO DI GEOLOGIA NUCLEARE, PISA (ITALY).
Tritium and Oxygen Profiles in the Eastern Mediterranean,
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LABORATORY FOR BIOLOGICAL RESEARCH IN AQUATIC POLLUTION, GHENT (BELGIUM).
Systems of Biological Indicators for Water Quality Assessment,
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Seasonal and Spatial Changes in the Composition of the Aquatic and Semiaquatic Vegetation of Lake Chilwa, Malawi,
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LAMONT-DOHERTY GEOLOGICAL OBSERVATORY, PALISADES, NY. DEPT. OF MARINE BIOLOGY.
The Production and Fate of Phytoplankton Size Fractions in the Plume of the Hudson River, New York Bight,
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LAMOREAUX (P. E.) AND ASSOCIATES, INC., TUSCALOOSA, AL.
Connector Wells, A Mechanism for Water Management in the Central Florida Phosphate District,
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LANCASTER UNIV., BAILRIGG (ENGLAND). DEPT. OF BIOLOGICAL SCIENCES.
The Effects of Temperature on the Respiration and Production of the Freshwater Nematode Anonchus Sp.,
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LANCASTER UNIV., BAILRIGG (ENGLAND). DEPT. OF ENVIRONMENTAL SCIENCES.
Tidal and Seasonal Variations of Trace Elements in Two Cornish Estuaries,
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The Determination of Estuarine Sedimentation Rates by 134CS/137CS and Other Artificial Radionuclide Profiles,
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LANCHESTER POLYTECHNIC, COVENTRY (ENGLAND). DEPT. OF GEOGRAPHY.
Chemical Yields in Runoff, and Denudation in a Small Arable Catchment, East Devon, England,
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LANDESAMT FUER WASSERWIRTSCHAFT, MUNICH (GERMANY, F.R.).
Bacteria, Bacterial Activities, and Uptake Kinetics in Surficial Sediments of a Small Eutrophicated Mountain Lake,
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LANDESANSTALT FUER UMWELTSCHUTZ BADEN-WURTTENBERG, KARLSRUHE (GERMANY, F.R.).
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LANGSTON UNIV., OK.
Effects of Simazine on the Blue-Green Alga Anacystis Nidulans,
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LAVAL UNIV., QUEBEC. DEPT. DE BIOLOGIE.
Short-Term Covariability of Chlorophyll and Temperature in the St. Lawrence Estuary,
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LAW ENGINEERING TESTING CO., MCLEAN, VA.
Design of Tunnel Support Systems Using Ground Freezing,
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LAWLER, MATUSKY AND SKELLY ENGINEERS, PEARL RIVER, NY.
Sediment and PCB Transport Model of the Hudson River,
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LE BOEUF, LAMB, LEIBY AND MAC RAE, WASHINGTON, DC.
Oil and Gas Operation in the Atlantic Outer Continental Shelf: An Overview of the Regulatory and Litigation-Related Constraints to Development,
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LE CIMENT ARME DEMAY FRERES, MARNE (FRANCE). (ASSIGNEE).
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LEEDS UNIV. (ENGLAND). DEPT. OF EARTH SCIENCES.
Zinc in the Conwy River and Estuary,
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LEEDS UNIV. (ENGLAND). DEPT. OF PLANT SCIENCES.
Organotin Resistance in Green Seaweeds,
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LEEDS UNIV. (ENGLAND). SCHOOL OF GEOGRAPHY.
Reduction of Coliform Bacteria in Two Upland Reservoirs: The Significance of Distance Decay Relationships,
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LEHIGH UNIV., BETHLEHEM, PA.
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LEHIGH UNIV., BETHLEHEM, PA. DEPT. OF MECHANICAL ENGINEERING.
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LEICESTER UNIV. (ENGLAND). DEPT. OF GEOGRAPHY.
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LEMAN POWELL ASSOCIATES, INC. ALEXANDRIA, VA.
A Process for Community Flood Plain Management.
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LENINGRAD COMMUNAL AGRICULTURE ACADEMY RESEARCH INST. (USSR).
Filter for Treatment of Natural and Waste Water,
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LENINGRAD INST. OF CONSTRUCTIONAL ENGINEERS (USSR).
Frost Heave of Unsaturated Loamy Soil Under Field Conditions,
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LENOX INST. FOR RESEARCH, INC., MA. (ASSIGNEE).
Apparatus for Clarifying Waste Water,
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LEVINE AND KROM, BEVERLY HILLS.
Federal Control of Water Pollution - An Ounce of Prevention is Worth a Pound of Cure,
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LEWIS AND CLARK COLL., PORTLAND, OR.
Musing on the Bottom: Economic and Legal Implications of the United States' Proposed Draft United Nations Convention on the International Seabed,
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LEWIS AND CLARK COLL., PORTLAND, OR. NORTHWESTERN SCHOOL OF LAW.
The Clean Water Act's Section 404 Permit Program Enters its Adolescence: An Institutional and Programmatic Perspective,
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LGL ECOLOGICAL RESEARCH ASSOCIATES, BRYAN, TX.
Assessing Impacts of Petroleum Development on Alaska's Continental Shelf -- A New Approach,
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LGL ECOLOGICAL RESEARCH ASSOCIATES, GRAND JUNCTION, CO.
Pre-Impact Process Analysis: Design for Mitigation,
W80-04194 1312 5C

LGL LTD., EDMONTON (ALBERTA).
Beaufort Sea Barrier Island-Lagoon Ecological Process Studies. Section I - Avian Ecology in Simpson Lagoon, Beaufort Sea, Alaska,
W80-04956 1315 5C

Beaufort Sea Barrier Island-Lagoon Ecological Process Studies. Ecology of Invertebrates in Simpson Lagoon, Beaufort Sea, Alaska,
W80-04958 1315 5C

LGL LTD., NANAIMO (BRITISH COLUMBIA).
Beaufort Sea Barrier Island-Lagoon Ecological Process Studies. Ecology of Fishes in Simpson Lagoon, Beaufort Sea, Alaska,
W80-05529 1317 5C

LGL LTD-U.S., INC., GRAND JUNCTION, CO.
Beaufort Sea Barrier Island-Lagoon Ecological Process Studies. Oceanographic and Geologic Processes--A Synthesis of Ecologically Important Information,
W80-04959 1315 5C

LIEGE UNIV. (BELGIUM). AEROSPACE LAB.
A Conforming Finite Element for the Analysis of Viscous Incompressible Fluid Flow,
W80-06900 1324 8B

LIEGE UNIV. (BELGIUM). LAB. D'OCEANOGRAPHY.
Cadmium, Zinc and Copper Accumulation in Limpets (Patella Vulgata) from the Bristol Channel with Special Reference to Metallothioneins,
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LIEGE UNIV. (BELGIUM). LAB. D'OCEANOLOGIE.
Evidence for the Protective Effect of Metallothioneins Against Inorganic Mercury Injuries to Fish,
W80-00839 1303 5A

LIGHTNIN MIXER PTY LTD., CAMBERWELL (AUSTRALIA).
The Design and Selection of Mechanical Aeration Devices,
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LIMNO TECH, INC., ANN ARBOR, MI.
Impact of Waste Diversion on Water Quality in Lakes,
W80-04144 1312 3C

Modeling Storm Overflow Impacts on Eutrophic Lake,
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LIMNOLOGICAL ASSOCIATES, KANEOHE, HI.
Nitrogen Gas Supersaturation during Artificial Aeration at Lake Casitas, California,
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LIMNOLOGICAL ASSOCIATES, SAN DIEGO, CA.
Artificial Aeration as a Lake Restoration Technique,
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LIMNOLOGICAL INST., OOSTERZEE (NETHERLANDS).
Population Dynamics and Biomass Production of Neomysis Integer (Leach) in the Bergumermeer,
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LINACRE COLL. OXFORD, (ENGLAND).
Pricing Problems in an Input-Output Approach to Environment Protection,
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LINCOLN COLL. (NEW ZEALAND).
The Design of a Flood Forecasting Procedure for the Klang River at Kuala Lumpur,
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LINCOLN COLL. (NEW ZEALAND). DEPT. OF AGRICULTURAL ENGINEERING.
Ground Water Replenishment from Riverflow,
W80-00604 1302 2F

LINCOLN COLL., (NEW ZEALAND). DEPT. OF SOIL SCIENCE.
Nitrate and Chloride in Groundwater, Surface Water and Deep Soil Profiles of Central Canterbury, New Zealand,
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LINDE A.G., HOLLRIEGELSKREUTH (GERMANY, F.R.). TECHNICAL GASES DIV.
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LINTON AND CO., INC., WASHINGTON, DC.
Wastewater, Management Study, for Cleveland-Akron Metropolitan and Three Rivers Watershed Areas, Appendix VII: Institutional Evaluation.
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LITTLE (ARTHUR D.) INC., CAMBRIDGE, MA.
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Evaluation of Protocols for Pesticides and PCB's in Raw Wastewater,
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LITTLE (ARTHUR D.), INC., CAMBRIDGE, MA; AND COAST GUARD, WASHINGTON, DC.
The Survival of Oil Slicks on the Ocean as a Function of Sea State Limit,
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LIVERPOOL POLYTECHNIC (ENGLAND). DEPT. OF BIOLOGY.
The Distribution of the Polychaete Capitella Capitata (Fabricius) in Dock Sediments,
W80-06655 1324 5C

LIVERPOOL UNIV. (ENGLAND). DEPT. OF APPLIED MATHEMATICS AND THEORETICAL PHYSICS.
Presentation of Longitudinal Dispersion Data,
W80-03379 1310 2E

LIVERPOOL UNIV. (ENGLAND). DEPT. OF BOTANY.
Environmenta¹ Contamination Through Residual Trace Metal Dispersal from a Derelict Lead-Zinc Mine,
W80-06111 1319 5B

LIVINGSTON COLL., NEW BRUNSWICK, NJ. DEPT. OF BIOLOGY.
The Immediate Effects of Ditching a Saltmarsh on Nesting Herring Gulls Larus Argentatus,
W80-03520 1310 4A

LLYSDINAM FIELD CENTRE (WALES).
Production of Two Species of Ephemeroptera (Ephemerella Ignita Poda and Rhithrogena Semicolorata Curtis) in the Upper Reaches of the R. Wye, Wales,
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LOCKHEED PALO ALTO RESEARCH LABS., CA.
Development of Microwave Plasma Detoxification Process for Hazardous Wastes. Phase 1,
W80-00244 1301 5D

LOCKWOOD CORPORATION, GERING, NE. (ASSIGNEE).
Center Pivot Irrigation System Having Apparatus for Irrigating Corners,
W80-01493 1304 3F

LONDON LAB. LTD., WOODBRIDGE, CT. (ASSIGNEE).
Apparatus and Method for Removal of Soluble Metal Ions from Aqueous Effluent,
W80-00876 1303 5D

LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE (ENGLAND).
Pollution Control: Economists' Views,
W80-01471 1304 6E

LONDON UNIV. (ENGLAND).
The Simulation and Optimization of a Multi-Basin Water Resource Scheme in Cyprus,
W80-01968 1305 6B

Some Studies on the Hepatic Microsomal Enzyme Activities and Steroid Hormone Levels in Carp, Cyprinus Carpio Exposed for Six Months,
W80-02225 1306 5A

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MICHIGAN DEPT. OF CONSERVATION, LANSING. ROSE LAKE WILDLIFE EXPERIMENT STATION.
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NATIONAL WATER AUTHORITY OF JAMAICA (WEST INDIES).
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NATURAL ENVIRONMENT RESEARCH COUNCIL, ABERDEEN (SCOTLAND). INST. OF MARINE BIOCHEMISTRY.
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NEBRASKA UNIV., LINCOLN. DIV. OF CONSERVATION AND SURVEY; AND GEOLOGICAL SURVEY, LINCOLN, NE. WATER RESOURCES DIV.
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NEBRASKA UNIV., LINCOLN. INST. OF AGRICULTURE AND NATURAL RESOURCES.
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NEBRASKA UNIV. PANHANDLE STATION AT SCOTTSBLUFF.
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Use of a Digitalized Grid in the Mapping of the Water Balance Elements in a River Basin (Utilisation D'une Grille D'Altitudes Digitalisees Pour La Cartographie D'Elements Du Bilan Hydrique),
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Images and Models in the World Court: The Individual Opinions in the North Sea Continental Shelf Cases,
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Sphaeriidae as Indicators of Trophic Lake Stages,
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Gastropods as Indicators of Trophic Lake Stages,
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SOIL CONSERVATION SERVICES, WASHINGTON, DC.
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Non-Linear Groundwater Flow Simulation,
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Field Measurement of Soil Hydraulic Properties Characterizing Water Movement Through Swelling Clay Soils,
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Microbiological and Physical Properties of Salt Marsh and Microecosystem Sediments,
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SOUTH CAROLINA UNIV., COLUMBIA. BELLE W. BARUCH INST. FOR MARINE BIOLOGY AND COASTAL RESEARCH.
Biogenic Structure and Its Effect on the Spatial Heterogeneity of Meiofauna in a Salt Marsh,
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SOUTH CAROLINA UNIV., COLUMBIA. DEPT. OF CIVIL ENGINEERING.
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SOUTH CAROLINA UNIV., COLUMBIA. DIV. OF COASTAL RESEARCH.
Oil Spill Vulnerability, Coastal Morphology, and Sedimentation of Kotzebue Sound,
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Winter Limnological Conditions in a Prairie Pothole Lake and the Application of Molecular Oxygen,
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South Dakota's Lake Program,
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Urbanization Effects and the Control of the Surface Runoff Process in Small Watersheds,
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Effects of Rural Water Systems on Local Government Revenues and Expenditures in Selected Counties of South Dakota,
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Model Development for Predicting Soil Moisture by Thermography,
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Waterfowl Pair Use of Natural and Man-Made Wetlands in South Dakota,
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Effect of Sediment Control Dams on the Water Quality of a Prairie Lake,
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Gravity Survey of a Deep Buried Valley,
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Water Use and Supply Development Plan--Executive Summary.
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The Law of the Sea and Regional Fisheries Policy,
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Irrigation Project Monitoring: A Feedback for Planners and Management,
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SOUTHAMPTON UNIV. (ENGLAND). DEPT. OF GEOGRAPHY.
Drainage Network Power,
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SOUTHEASTERN MASSACHUSETTS UNIV., NORTH DARTMOUTH. DEPT. OF BIOLOGY.
Liver Cadmium Uptake, Catalase Inhibition and Cadmium Thionein Production in the Killifish (Fundulus Heteroclitus) Induced by Experimental Cadmium Exposure,
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Toxicity of Some Canadian Fruit and Vegetable Processing Effluents,
W80-00138 1301 5D

STANLEY ASSOCIATES ENGINEERING LTD., OTTAWA (ONTARIO).
Biological Treatment of Food Processing Wastewater Design and Operations Manual.
W80-02837 1308 5D

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Stanly County Feasibility Report for On-Site Wastewater Systems Management: Phase I,
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Electric Power and the Future of the Pacific Northwest,
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Changes in the Apparent Temperature Optima of the Plankton of Lake Michigan at Chicago, Illinois,
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The Effects of Toluene on Embryos and Fry of the Japanese Medaka Oryzias Latipes with a Proposal for Rapid Determination of Maximum Acceptable Toxicant Concentration,
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Oil Spills: A Public Official's Handbook,
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Oil Spills: A Coastal Resident's Handbook,
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Firefly Assay of Adenine Nucleotides Form Algae: Comparison of Extraction Methods,
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STOCKHOLM WATER AND SEWERAGE WORKS (SWEDEN).
Water Conditions in the Stockholm Archipelago After the Introduction of Biological and Chemical Purification of Waste Water,
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STONE AND WEBSTER ENGINEERING CORP., BOSTON, MA.
Flow Nets by the Finite Element Method,
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STRASBOURG-1 UNIV. (FRANCE).
The Balance of Groundwater Resources of the European Community: A Methodology for a Multinational Problem,
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STRASBOURG UNIV. (FRANCE). INST. DE MECANIQUE DES FLUIDES.
Ground-Water Pollution by Transfer of Oil Hydrocarbons,
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STUTTGART UNIV. (GERMANY, F.R.). INST. FUER SIEDLUNGSWASSERBAU UND WASSERGUETEWIRTSCHAFT.
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STUTTGART UNIV. (GERMANY, F.R.). INST. FUER WASSERBAU.
Flow Field and Scouring Effects of Steady and Pulsating Jets Impinging on a Movable Bed,
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STUTTGART UNIV. (GERMANY, F. R.). ZOOLOGISCHES INST.
Investigations on Population Dynamics of Water Beetles of Two Swamps in the Northern Area of the Black Forest. Populationsdynamische Untersuchungen an Wasserkafern Zweier Hochmoore des Nordschwartzwaldes,
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SYRACUSE UNIV., NY.
Mining Rights and the General International Law Regime of the Deep Ocean Floor,
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Customary International Law and Deep Seabed Mining,
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Simulation and Process Design of Deep Bed Filtration,
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SYRACUSE UNIV., NY. DEPT. OF CIVIL ENGINEERING.
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Zooplankton as an Indicator of Pollution of Reservoirs,
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TAHAL CONSULTING ENGINEERS (ISRAEL).
Water Resources Development, and Management Planning in Arid Zones: Case History-Israel,
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TAHAL CONSULTING ENGINEERS LTD., HAIFA (ISRAEL).
Optimization of a Dam System for Recharging Runoff Water into the Ground,
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TAHAL CONSULTING ENGINEERS LTD., TEL-AVIV (ISRAEL).
The Role of Groundwater Recharge in Wastewater Reuse: Israel's Dan Region Project,
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Industrial Wastewater Treatment for Industrial Parks in Taiwan,
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TAIWAN INST. OF ENVIRONMENTAL SANITATION, TAIPEI.
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TAIWAN PROVINCIAL GOVERNMENT, TAIPEI. SEWERAGE ENGINEERING DEPT.
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TAIWAN WATER RESOURCES PLANNING COMMISSION, TAIPEI.
Water Pollution Control in the Republic of China,
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TASMANIA UNIV., HOBART (AUSTRALIA). DEPT. OF ZOOLOGY.
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Heavy Metals in the Native Oyster (Ostrea Angasi) and Mussel (Mytilus Edulis Planulatus) from Port Davey, South-Western Tasmania,
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TECHNICAL UNIV. OF ISTANBUL (TURKEY). DEPT. OF HYDROLOGY AND WATER POWER.
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TECHNION-ISRAEL INST. OF TECH., HAIFA. FACULTY OF CIVIL ENGINEERING.
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TECHNION-ISRAEL INST. OF TECH., HAIFA (ISRAEL). DEPT. OF FOOD ENGINEERING AND BIOTECHNOLOGY.
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The Effect of Zinc on the Increase in Length of Five Species of Intertidal Fucales,
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Heavy Metal Exchange by Ascophyllum Nodosum (Phaeophyceae) Plants in Situ,
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Impact of Nutrient Enrichment in a Waterchestnut Ecosystem at Takahama-Iri Bay of Lake Kasumigaura, Japan, II Role of Waterchestnut in Primary Productivity and Nutrient Uptake,
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TUEBINGEN UNIV. (GERMANY, F.R.). LEHRBEREICH FUER SPEXIELLE BOTANIK.
Vegetation Zonation Around Freshwater Springs of the Maharlu Salt Lake Near Shiraz (Iran), Vegetationszonierung an Susswasserquellen des Maharlusalzsees Bei Shiraz (Iran),
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TUFTS UNIV., MEDFORD, MA. DEPT. OF BIOLOGY.
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Alignment Control Apparatus for a Self-Propelled Irrigation System,
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Polychlorinated Biphenyls in Plankton from the Turku Archipelago,
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U.S. GEOLOGICAL SURVEY, HELENA, MT. WATER RESOURCES DIV.
Water-Resources Investigations of the U.S. Geological Survey in Montana, October 1979 through September 1980.
W80-06579 1324 7C

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Critical Appraisal of Work Done on Water Harvesting Systems,
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UDAIPUR UNIV. (INDIA). DEPT. OF ZOOLOGY.
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Experimental Effects of Isoetes Lacustris L. on the Distribution of EH, pH, FE and MN in Lake Sediment,
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The Diatomflora of a Small Stream Near Abisko (Swedish Lapland) and Its Annual Periodicity, Judged by Drift and Colonization,
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A Dwindling Water Supply and the Indian Struggle to Retain Aboriginal and Winters Doctrine Water Rights.
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UNITED NATIONS CENTRE FOR NATURAL RESOURCES, ENERGY AND TRANSPORT, NY.
Efficiency in the Use of Water for Irrigation: The Role of Prices and Regulations,
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Deep Seabed Mining and Developing Countries: Consideration of Distributional Factors,
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UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION, BANKOK (THAILAND).
Eutrophication: Current State-of-the-Art and Probable Areas of Investigation,
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UNITED NATIONS ENVIRONMENT PROGRAM, GENEVA (SWITZERLAND).
Environmental Issues in River Basin Development,
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UNITED NATIONS SECRETARIAT.
Law of the Sea - The Integration of the System of Settlement of Disputes under the Draft Convention as a Whole,
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UNITED NATIONS SECRETARIAT. OFFICE OF LEGAL AFFAIRS.
Comparative National Legislation on Offshore Pollution,
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A Chronic Toxicity Test with the Marine Copepod Acartia Tonsa,
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UNIV. HAWAII HONOLULU, WATER RESOURCES RESEARCH CENTER.
A Climatology of Mountain Fog on Mauna Loa, Hawaii Island,
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UNIVERSAL OIL PRODUCTS CO., SAN DIEGO, CA. FLUID SYSTEMS DIV.
Research and Development on a Spiral-Wound Membrane System for Single-Stage Seawater Desalination,
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UNIVERSIDAD AUSTRAL DE CHILE, VALDIVIA. INST. OF ZOOLOGIO.
Physical and Chemical Limnology of Lake Rinihue (Valdivia, Chile),
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Spatial and Temporal Distribution in a Meromictic Karstic Lake Basin: Relationships With Physiochemical Parameters and Zooplankton,
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Numerical Analysis of Multiple Leaky Aquifers for Large Values of Time,
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The Patrimonial Sea to the Rescue of the Gulf of California,
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UNIVERSIDAD SIMON BOLIVAR, CARACAS (VENEZUELA).
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Discharge Response Analysis and Hydrologic Similarity: The Interrelation Between the Geomorphologic IUH and the Storm Characteristics,
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A Rainfall-Runoff Analysis of the Geomorphologic IUH,
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UNIVERSIDAD SIMON BOLIVAR, CARACAS (VENEZUELA). GRADUATE PROGRAM IN HYDROLOGY AND WATER RESOURCES.
Choosing Among Hydrologic Regression Models, 2. Extensions to the Standard Model,
W80-06400 1321 2E

UNIVERSITAET DES SAARLANDES, SAARBRUECKEN (GERMANY, F.R.).
Daily Rhythm of Regulation of Polyphosphate Metabolism in an Algal Bloom of Oscillatoria Redekei,
W80-02513 1307 5C

UNIVERSITI SAINS MALAYSIA, PENANG. PUSAT PENGAJIAN SAINS KAJIHAYAT.
Biodegradation of Palm Oil Sludge and its Waste Recovery as an Energy Source for Animals and Soil Amendment,
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Transplanting Aquatic Bryophytes to Assess River Pollution,
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UNIVERSITY COLL., CARDIFF (WALES). DEPT. OF GEOLOGY.
'Saw-Tooth' Moraines in Front of Bodalsbreen, Southern Norway,
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UNIVERSITY COLL., DUBLIN (IRELAND). DEPT. OF CIVIL ENGINEERING.
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UNIVERSITY COLL., DUBLIN (IRELAND). DEPT. OF ZOOLOGY.
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UNIVERSITY COLL., GALWAY (IRELAND). DEPT. OF MICROBIOLOGY.
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UNIVERSITY COLL. OF BOTSWANA, GABORONE. DEPT. OF GEOGRAPHY.
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UNIVERSITY COLL. OF BOTSWANA, GABORONE. DEPT. OF SOCIOLOGY.
Some Sociological Aspects of Drought,
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On the Cost-Benefit Analysis of Port Projects,
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Diatom and Chrysophycean Cyst Profiles in Sediment Cores from Two Linked But Contrasting Welsh Lakes,
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Shelf Sea Fronts' Adjustments Revealed by Satellite IR Imagery,
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UNIVERSITY COLL. OF SWANSEA (WALES).
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UNIVERSITY COLL. OF SWANSEA (WALES). DEPT. OF BOTANY AND MICROBIOLOGY.
The Uptake of Urea by Chlorella,
W80-04124 1312 5C

The Uptake of Urea by the Diatom, Phaeodactylum,
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UNIVERSITY COLL. OF SWANSEA (WALES). DEPT. OF CHEMICAL ENGINEERING.
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UNIVERSITY COLL. OF SWANSEA (WALES). DEPT. OF GEOLOGY AND OCEANOGRAPHY.
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UNIVERSITY COLL. OF SWANSEA (WALES). DEPT. OF OCEANOGRAPHY.
On the Threshold of Transport of Sand-Sized Sediment Under the Combined Influence of Unidirectional and Oscillatory Flow,
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Analyses of Sea Level Fluctuations in Thermaicos Gulf and Salonica Bay, Northwestern Aegean Sea,
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UNIVERSITY COLL. OF SWANSEA, (WALES). DEPT. OF ZOOLOGY.
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UNIVERSITY COLL. OF WALES, ABERYSTWYTH.
Welsh Floodplain Studies, II. Application of a Qualitative Inundation Model,
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Distribution of Essential and Toxic Metals in the Terrestrial Gastropod Arion Ater,
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UNIVERSITY COLLEGE OF SWANSEA, (WALES). DEPT. OF GENETICS.
The Monitoring of Substances in Marine Waters for Genetic Damage,
W80-03019 1309 5C

UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE (INDIA).
A Study on Water Availability to the Crops Grown Under Rainfed Conditions in Different Soils at Bijapur,
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UNIVERSITY OF CENTRAL FLORIDA, ORLANDO. DEPT. OF BIOLOGICAL SCIENCES.
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UNIVERSITY OF DURBAN-WESTVILLE (SOUTH AFRICA). DEPT. OF GEOGRAPHY.
A Short Note on Errors in Rainfall Measurement,
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UNIVERSITY OF EAST ANGLIA, NORWICH (ENGLAND). CLIMATIC RESEARCH UNIT.
Methods of Comparing Annual Rainfall Records for Climatic Purposes,
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UNIVERSITY OF EAST ANGLIA, NORWICH (ENGLAND). SCHOOL OF DEVELOPMENTAL STUDIES.
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UNIVERSITY OF EAST ANGLIA, NORWICH (ENGLAND). SCHOOL OF ENVIRONMENTAL SCIENCE.
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UNIVERSITY OF EAST ANGLIA, NORWICH (ENGLAND). SCHOOL OF ENVIRONMENTAL SCIENCES.
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UNIVERSITY OF MAINE AT ORONO, DEPT. OF PLANT AND SOIL SCIENCES.
Evapotranspiration From Vegetative Surfaces in Maine,
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UNIVERSITY OF MANCHESTER INST. OF SCIENCE AND TECHNOLOGY (ENGLAND).
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